S
553.28
O1S
SEP 1965

STATE DOCUMENTS

Montana State Library
3 0864 1006 0115 5

UNIVERSITY OF MONTANA

DEC 2 1965

LIBRARY

Montana Oil and Gas STATISTICAL BULLETIN

SHELVED WITH PERIODICALS
DISCARDED
MAY 1 1969
LIBRARY
UNIVERSITY of MONTANA

ADMINISTRATORS
JAMES F. NEELY
EXECUTIVE SECRETARY
JOHN H. RISKEN
ATTORNEY
GORDON D. LANQUETTE
PETROLEUM ENGINEER
BILLY B. LANE
GEOLOGIST
NORMAN J. BEAUDRY
ACCOUNTANT

COMMISSIONERS
ALLEN ZIMMERMAN, CHAIRMAN
BOX 277
POPLAR, MONTANA
E. G. BALSAM, VICE CHAIRMAN
2300 PEARL
MILES CITY, MONTANA
WINSTON L. COX
2512 RAYMOND PLACE
BILLINGS, MONTANA
LYLE KASSEL
142 - 3RD SOUTH
SHELBY, MONTANA
CLYDE BREWER
P. O. BOX 294
ROUNDUP, MONTANA

OIL AND GAS CONSERVATION COMMISSION
SAVINGS BLDG.
HELENA, MONTANA

Vol. XIII, No. 9 — 3 — September, 1965

Production of crude oil and condensate from the oil and gas areas of Montana for the month of September, 1965, averaged 93,896 barrels daily, a decrease of 536 barrels from the average August production of 94,432.

The nine refineries in state processed 99,310 barrels of crude oil daily for the month of September, 1965, a decrease of 841 barrels from the 100,151 barrels processed daily during the month of August, 1965.

During September, 46 wells were completed, 19 oil, 1 gas well and 26 dry holes.

During September, the commission issued 64 permits to drill new wells, an increase of 8 from 56 permits issued during July.

SUMMARY OF CRUDE OIL PRODUCTION REFINING STORAGE, ETC., IN MONTANA

MONTH OF SEPTEMBER, 1965

IN STORAGE SEPTEMBER 1st:	
By Producers	350,209
By Transporters	1,088,935
By Refiners	641,548
TOTAL STORAGE	2,080,692
Produced in Montana During Month	2,816,886
Imported During Month	1,988,449
TOTALS	6,886,027
DISPOSITION:	
Refined in Montana	2,979,301
Exported	2,097,919
Used for Fuel or Lost	4,731
TOTAL	5,081,951
IN STORAGE SEPTEMBER 30th:	
By Producers	347,778
By Transporters	1,052,680
By Refiners	403,618
TOTAL STORAGE	1,804,076

NATURAL GAS WITHDRAWALS IN MONTANA

Month of September, 1965

Field	M Cu. Ft.
Bears Den	0
Big Coulee	80,592
Bowdoin	135,560
Bowes	55,292
Cabin Creek	80,923
Cedar Creek	168,185
Cut Bank (Including Reagan)	712,537
Devon	332
Dry Creek	140,403
Elk Basin	25,847
Flat Coulee	0
Gold Butte	5,197
Golden Dome	0
Grandview	3,121
Hardin	4,768
Keith Block	217,422
Kevin Sunburst	71,101
Middle Butte	0
Mt. Lilly	17,815
Pine	65,057
Plevna	13,297
Utopia	57,062
Whitlash	66,359
Miscellaneous	42,267
TOTAL	1,963,137

Total withdrawals for September, 1964 were 1,446,095 M Cu. Ft.

PRODUCERS REPORT—MONTH OF SEPTEMBER, 1965

Lease	Field	No. of Wells	Storage 1st of Month	Oil Produced	Oil Shipped By Pipeline	Oil Shipped By Truck	Used or Lost	Storage End of Month
2	Ash Creek	5	563	2,749	.....	2,761	.....	551
5	Bannatyne	9	925	549	.....	.....	.....	1,474
1	Bascom	1	335	140	383	.....	.....	92
4	Bear's Den	5	2,134	1,801	.....	2,210	.....	1,725
1	Belfry	1	78	244	.....	197	.....	125
1	Benrud	1	833	2,474	3,189	.....	.....	118
1	Benrud East	1	507	7,622	7,428	.....	.....	701
1	Benrud Northeast	1	561	14,807	14,720	.....	.....	648
8	Big Wall	23	3,054	14,547	15,158	.....	.....	2,443
7	Blackfoot	9	1,758	4,528	2,035	2,096	.....	2,155
1	Bloomfield	1	1,042	27	.....	1,069	.....	.....
2	Border	2	11	108	.....	108	3	8
1	Bowes	52	3,733	12,864	13,275	.....	.....	3,322
3	Bradley	3	1,158	951	996	.....	.....	1,113
1	Brady	1	.....	30	.....	.....	.....	30
1	Bynum	1	21	4	.....	.....	.....	25
2	Cabin Creek	109	6,350	250,043	249,485	.....	.....	6,908
17	Cat Creek	97	3,025	14,154	14,128	.....	.....	3,051
1	Clark's Fork	1	121	126	.....	140	.....	107
....	Clark's Fork North	....	303	.....	.....	.....	.....	303
2	Conrad South	3	712	682	657	.....	.....	737
1	Cupton	1	1,191	768	.....	1,016	.....	943
170	Cut Bank	1,304	97,777	329,854	321,369	6,400	748	99,114
3	Deer Creek	4	1,629	4,111	4,557	.....	.....	1,183
1	Delphia	1	252	661	.....	396	.....	517
....	Devil's Basin	....	804	.....	.....	.....	.....	804
1	Dry Creek	1	162	75	.....	.....	.....	237
15	Dwyer	16	6,856	33,872	35,315	.....	.....	5,413
8	Elk Basin	67	3,205	280,482	281,197	.....	.....	2,490
1	Elk Basin Northwest	1	1,864	500	.....	500	.....	1,864
3	Fertile Prairie	3	1,037	2,470	1,093	1,503	.....	911
24	Flat Coulee	30	5,799	29,166	29,148	698	.....	5,119
30	Flat Lake	30	14,762	106,729	105,508	.....	.....	15,983
2	Frannie	2	.....	1,202	1,202	.....	.....	.....
18	Fred & George Creek	31	2,035	135,504	135,025	700	.....	1,814
1	Gage	1	217	504	.....	395	5	321
1	Gage Southwest	1	169	503	.....	189	.....	483
4	Gas City	27	4,732	47,222	44,877	3,394	.....	3,683
8	Glendive	13	1,134	39,329	21,655	14,268	.....	4,540
14	Goose Lake	17	3,129	46,971	46,597	.....	.....	3,503
7	Graben Coulee	8	3,968	4,293	3,435	522	.....	4,304
....	Grandview	....	112	.....	.....	.....	.....	112
2	Gypsy Basin	2	2,547	948	620	700	335	1,840
1	Hibbard	1	311	255	.....	.....	.....	566
8	Ivanhoe	11	2,905	22,003	21,463	.....	123	3,322
9	Keg Coulee	22	5,771	24,247	25,162	.....	1	4,855
2	Keg Coulee North	2	511	3,609	.....	3,531	.....	589
128	Kevin Sunburst	700	17,713	34,185	33,617	.....	1	18,280
2	Little Beaver	24	3,375	24,276	23,785	334	.....	3,532
3	Little Beaver East	17	3,629	17,216	18,513	.....	.....	2,332
2	Lodge Grass	2	1,143	1,846	.....	2,201	.....	788
3	Lone Tree	3	1,424	5,668	.....	5,860	.....	1,232
23	Lookout Butte	70	5,919	115,151	115,529	.....	.....	5,541
....	Mackay Dome	....	770	.....	.....	.....	.....	770
2	Mason Lake	2	663	2,773	2,630	.....	.....	806
2	Melstone	2	812	2,887	2,694	.....	.....	1,005
1	Mineral Bench	1	320	1,313	1,106	.....	.....	527
6	Monarch	13	3,487	13,985	14,528	.....	.....	2,944
3	Mosser	3	.....	1,036	.....	1,036	.....	.....
....	Musselshell	....	146	.....	.....	.....	.....	146
7	Outlook	12	5,979	31,660	32,736	.....	.....	4,903
2	Outlook South	2	1,442	2,697	2,622	.....	.....	1,517
65	Pennel	110	5,506	194,414	195,584	.....	175	4,161
4	Pine	127	14,759	339,192	339,534	.....	.....	14,417
4	Pole Creek	7	1,265	2,580	.....	2,180	.....	1,665
65	Pondera	307	7,846	30,509	31,410	.....	101	6,844
2	Pondera Coulee	2	.....	400	400	.....	.....	.....
5	Poplar East	74	15,789	80,218	84,468	.....	42	11,497
4	Poplar Northwest	5	2,058	1,726	1,426	.....	.....	2,358
6	Ragged Point	17	2,774	6,463	6,155	.....	.....	3,082
3	Reagan	42	2,373	16,680	16,780	.....	.....	2,273
1	Red Creek	28	168	26,206	26,126	99	.....	149
1	Redstone	1	660	942	769	.....	.....	833
1	Repeat	1	170	1,791	.....	1,630	.....	331
6	Richey	6	3,403	1,156	865	.....	.....	3,694
6	Richey Southwest	7	2,417	11,254	.....	10,077	.....	3,594
4	Sand Creek	5	.....	6,450	6,450	.....	.....	.....
1	Shotgun Creek	1	126	956	.....	577	.....	505
3	Sidney-Brorson	3	1,155	2,633	.....	2,080	15	1,693
2	Snyder	4	1,394	1,149	.....	936	.....	1,607
5	Soap Creek	9	2,977	4,774	.....	2,530	.....	5,221
2	Spring Lake	3	3,882	4,542	.....	5,588	82	2,754
2	Stensvad	24	4,973	34,192	35,139	.....	.....	4,026
25	Sumatra	84	10,894	80,210	79,133	.....	.....	11,971
5	Tule Creek	6	3,231	49,375	.....	49,960	.....	2,646
2	Tule Creek East	2	1,416	36,616	37,358	.....	.....	674
1	Tule Creek South	1	730	5,736	.....	5,606	.....	860
2	Vida	2	662	3,248	.....	3,167	.....	743
4	Volt	4	1,986	17,530	16,883	.....	.....	2,633
6	Weldon	13	5,697	102,888	.....	102,530	.....	6,055
13	Whitlash	38	5,588	15,706	12,388	687	.....	8,219
2	Whitlash West	2	140	174	174	.....	.....	140
2	Wills Creek South	2	1,167	9,851	9,537	.....	.....	1,481
8	Wolf Springs	15	4,854	19,342	19,144	.....	.....	5,052
4	Woodrow	4	772	4,144	4,691	.....	.....	225
....	Wildcat, Carbon County	....	50	.....	.....	.....	.....	50
1	Wildcat, Glacier County	1	340	680	.....	917	.....	103
1	Wildcat, Liberty County	1	414	87	.....	386	1	114
1	Wildcat, McCone County	1	1,648	2,000	.....	3,092	.....	556
1	Wildcat, Powder River County	1	.....	2,123	.....	1,212	30	881
1	Wildcat, Richland County	1	.....	528	.....	326	.....	202
851		3,734	350,209	2,816,886	2,571,851	245,804	1,662	347,778

Total Oil Produced and Shipped From Leases	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1964	30,647,498	83,965	30,604,009	83,846
First Quarter, 1965	7,583,264	84,258	7,566,682	84,074
Second Quarter, 1965	7,921,981	87,054	7,941,312	87,267
July, 1965	2,837,959	91,547	2,825,265	91,137
August, 1965	2,927,407	94,432	2,941,718	94,894
September, 1965	2,816,886	93,896	2,817,655	93,921

Oil in Storage	In Producers Field Tank	In Transporters Storage	In Refiners Storage*	Total Oil in Storage*
December, 1964	369,139	933,819	508,411	1,811,369
First Quarter, 1965	376,346	986,628	704,702	2,067,676
Second Quarter, 1965	353,225	1,100,388	612,787	2,066,400
July, 1965	365,703	1,067,458	612,772	2,045,933
August, 1965	350,209	1,088,935	641,548	2,080,692
September, 1965	347,778	1,052,680	403,618	1,804,076

*Includes Wyoming Oil

TRANSPORTERS MONTHLY REPORT—MONTH OF SEPTEMBER, 1965

	Storage First of Month	OIL RECEIVED BY			Loss or (Gain)	OIL SHIPPED TO			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—Truck			2,761				2,761		
BELFRY—Truck			197				197		
BIG WALL—Continental Pipeline Co.		15,572				15,572			
BLACKFOOT—									
Union Oil Co.		2,035						2,035	
Thompson Crude Purchasing			2,096					2,096	
		2,035	2,096					4,131	
BLOOMFIELD—Truck			1,069					1,069	
BORDER—Truck			108				108		
BOWES—Texaco Inc.		13,275				13,275			
CABIN CREEK & OTHERS°—									
Butte Pipeline Co.	301,456	693,260	143,525	727,694			1,560,229		305,706
Shell Pipeline Co.	7,588	319,610		651	404			321,024	6,421
	309,044	1,012,870	143,525	728,345	404		1,560,229	321,024	312,127
CAT CREEK—Continental Pipeline Co.		11,491				11,491			
CLARK'S FORK—Truck			140				140		
CUT BANK—									
Darling Gathering System, Inc.	9,754	20,014						20,314	9,454
Continental Pipeline Co.			11,329	282,166		293,495			
Phillips Petroleum Co.	88,553	56,944		78,190	(2,337)	140,268			85,756
Texas Pipeline Co.	11,358	49,410		12,058	323			59,829	12,674
Union Oil Co.	150,660	73,071		6,400	792	107,912			121,427
Western Oil Transportation Co.	26,382	34,853		113,072	348			128,632	45,327
Wetsern Oil Trans. (Moulton)		85,303			853			84,450	
	286,707	319,595	11,329	491,886	(21)	541,675		293,225	274,638
DELPHIA—Truck			396			396			
DWYER—Portal Pipeline Co.		34,412					34,412		
ELK BASIN—Marathon Pipeline Co.		280,898				280,898			
ELK BASIN NORTHWEST—Truck			500				500		
FLAT COULEE—									
Camerland Cardinal Corp.	3,000	27,366						27,366	3,000
FLAT LAKE—Portal Pipeline Co.		104,767					104,767		
FRANNIE—Interstate Pipeline Co.		1,202					1,202		
FRED & GEORGE CREEK—									
Camerland Cardinal Corp.	26,101	132,458				48,759		87,667	22,133
GAGE—Truck			584			584			
GLENDIVE, DEER CREEK, WOODROW & SAND CREEK—									
Texas Pipeline Co.	4,563	44,819			4			39,116	10,262
GOOSE LAKE—Portal Pipeline Co.		45,436					45,436		
IVANHOE—Continental Pipeline Co.		21,995				17,721	4,274		
KEG COULEE—Continental Pipeline Co.		28,941				22,190	6,751		
KEG COULEE NORTH—Truck			3,531				3,531		
KEVIN SUNBURST—									
Big West Oil Co.	3,489	18,765				18,765			3,489
Homestake Oil & Gas Co.	6,192	2,484		20,314		23,122			5,868
Texas Pipeline Co.	7,180	13,364			334			12,058	8,152
	16,861	34,613		20,314	334	41,887		12,058	17,509
LODGE GRASS—McWood Corp.			2,201						2,201
LONE TREE—Truck			5,860				5,860		
MASON LAKE—Continental Pipeline Co.		2,615				2,615			
MELSTONE—Continental Pipeline Co.		2,694				2,694			
MOSSER—Truck			1,036				1,036		
POLE CREEK—Truck			2,180				2,180		
PONDERA—Phillips Petr. Co.	28,560	31,905			4,923	38,694			16,848
POPLAR, BENRUD, BENRUD EAST, OUTLOOK, OUTLOOK SOUTH, REDSTONE, RICHEY, TULE CREEK, TULE CREEK SOUTH & VOLT—									
East Poplar Gathering System	25,189	237,138			(1,427)			236,736†	27,018
RAGGED POINT—									
Continental Pipeline Co.		5,903				1,640	4,263		
RED CREEK—									
Western Oil Transportation Co.		26,224			262			25,962	
SHOTGUN CREEK—Truck			577				577		
SIDNEY-BRORSON—McWood Corp.	15,930		2,080	6,408				1,605	22,813
SNYDER—Truck			936			936			
SOAP CREEK—McWood Corp.	1,245		2,530		176				3,599
SPRING LAKE—Truck			5,588				5,588		
SUMATRA & STENSVAD—									
Continental Pipeline Co.	368,258	107,324		348,438	(2,754)	91,602		397,300	337,872
TULE CREEK—Tesoro Petr. Corp.	3,477		49,960		28	50,749			2,660
WHITLASH & WHITLASH WEST—									
Camerland Cardinal Corp.		13,455				13,455			
Thompson Crude Purchasing			687			687			
		13,455	687			14,142			
WOLF SPRINGS—									
Continental Pipeline Co.		18,113				18,113			
WILDCAT WELLS—Truck			5,933				5,933		
TOTALS	1,088,935	2,577,116	245,804	1,595,391	1,929	1,215,633	1,789,745	1,447,259	1,052,680

°Cabin Creek, Cupton, Fertile Prairie, Gas City, Little Beaver, Little Beaver East, Lookout Butte, Monarch, Pennel, Pine, Repeat, Richey, Richey Southwest and Wills Creek South.

†Transferred to Butte Pipeline Company

BARRELS OF CRUDE OIL REFINED IN MONTANA
MONTH OF SEPTEMBER, 1965

Field	Big West Oil Co.	Continental Oil Co.	Diamond Asphalt Co.	Farmers Union	Humble Oil & Ref. Co.	Jet Fuel Refinery	Phillips Petr. Co.	Tesoro Petr. Corp.	Union Oil Co.	Total
Big Wall	.....	.....	.....	15,572	.....	.....	.....	.....	.....	15,572
Bowes	.....	.....	17,042	.....	.....	.....	.....	.....	.....	17,042
Cat Creek	.....	9,793	.....	3,855	.....	2,263	.....	.....	.....	15,911
Cut Bank	20,314	.....	.....	.....	.....	.....	79,354	.....	65,586	165,254
Delphia	.....	.....	.....	.....	.....	526	.....	.....	.....	526
Devil's Basin	.....	.....	.....	.....	.....	324	.....	.....	.....	324
Elk Basin	.....	99,552	.....	66,281	115,065	.....	.....	.....	.....	280,898
Fred & George Creek	48,759	.....	.....	.....	.....	.....	.....	.....	.....	48,759
Gage	.....	.....	.....	.....	.....	288	.....	.....	.....	288
Hibbard	.....	.....	.....	.....	.....	126	.....	.....	.....	126
Ivanhoe	.....	17,721	.....	.....	.....	.....	.....	.....	.....	17,721
Keg Coulee	.....	8,030	.....	14,160	.....	.....	.....	.....	.....	22,190
Kevin Sunburst	2,808	.....	.....	.....	.....	.....	.....	.....	39,079	41,887
Mason Lake	.....	2,615	.....	.....	.....	.....	.....	.....	.....	2,615
Melstone	.....	.....	.....	2,694	.....	.....	.....	.....	.....	2,694
Pondera	.....	.....	.....	.....	.....	.....	52,683	.....	.....	52,683
Ragged Point	.....	748	.....	892	.....	.....	.....	.....	.....	1,640
Red Creek	.....	.....	.....	.....	128,920	.....	.....	.....	.....	128,920
Richey Southwest	.....	.....	.....	.....	.....	260	.....	.....	.....	260
Snyder	.....	936	.....	.....	.....	.....	.....	.....	.....	936
Sumatra & Stensvad	.....	20,567	.....	71,035	.....	.....	.....	.....	.....	91,602
Tule Creek	.....	.....	.....	.....	.....	.....	.....	50,749	.....	50,749
Whitlash	14,142	.....	.....	.....	.....	.....	.....	.....	.....	14,142
Wolf Springs	.....	.....	.....	.....	18,113	.....	.....	.....	.....	18,113
Total Montana Oil	86,023	159,962	17,042	174,489	262,098	3,787	132,037	50,749	104,665	990,852
Canadian Oil Imported	.....	312,516	.....	.....	.....	.....	.....	.....	2,215	314,731
Wyoming Oil Imported	.....	399,826	.....	457,829	814,060	2,003	.....	.....	.....	1,673,718
Total Montana, Canadian and Wyoming Oil	86,023	872,304	17,042	632,318	1,076,158	5,790	132,037	50,749	106,880	2,979,301

AVERAGE BARRELS PER DAY

	Montana	Canada	Wyoming	Total
Year, 1964	33,677	10,963	43,051	87,691
September, 1964	38,769	11,110	42,289	92,168
September, 1965	33,028	10,492	55,790	99,310

PERCENTAGE OF CRUDE OIL REFINED

	Montana	Canada	Wyoming
Year, 1964	38.40%	12.51%	49.09%
September, 1964	42.06%	12.06%	45.88%
September, 1965	33.25%	10.58%	56.17%